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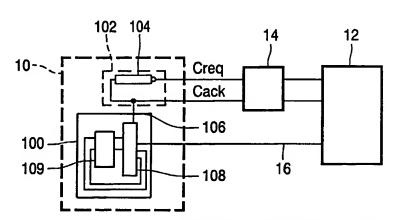
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(54) Title: INFORMATION EXCHANGE BETWEEN LOCALLY SYNCHRONOUS CIRCUITS



(57) Abstract: A locally synchronous circuit module has a delay circuit having and input and output coupled to a clock input. The delay circuit provides a delay which incorporated in a clock oscillator ensures a clock period that is at least as long as needed to transfer information between the storage elements. handshake circuit is provided for generating handshake signals timing information transfer between the locally synchronous circuit module and a further circuit. The handshake circuit comprises the delay circuit, so that at least part of the handshake

signals during a handshake transaction are timed by travelling through the delay circuit and are applied to the clock input to clock the locally synchronous circuit module.



